

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/663,794
Source: JFWO
Date Processed by STIC: 2/13/05

ENTERED

CRE Errors Expected by the STIG System Branch

Serial Number: 10/663,794

CRF Edit Date: 2/15/05
Edited by: M

Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

Corrected the SEO ID NO. Sequence numbers edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Deleted: / invalid beginning/end-of-file text ; page numbers

Inserted mandatory headings/numeric identifiers, specifically:

Moved responses to same line as heading/numeric identifier, specifically:

Other:

Revised 09/09/2003

BEST AVAILABLE COPY



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/663,794

DATE: 07/15/2005
TIME: 17:00:47

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\07152005\J663794.raw

3 <110> APPLICANT: WEI, Ming-Hui et al.
 5 <120> TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
 6 ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
 7 THEREOF
 9 <130> FILE REFERENCE: CL001164CIP-DIV II
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/663,794
 C--> 11 <141> CURRENT FILING DATE: 2003-09-17
 11 <160> NUMBER OF SEQ ID NOS: 6
 13 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 15 <210> SEQ ID NO: 1
 16 <211> LENGTH: 1133
 17 <212> TYPE: DNA
 18 <213> ORGANISM: Homo sapiens
 20 <400> SEQUENCE: 1
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 23 gggcctccag gctgaatctg ttcttccagg gaaaaaccacc ctttatgact caacagcaga 180
 24 tgcctctctt ttcccggaaa gggatattag atgcctctt tggtctctt gaagaatgca 240
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 26 ccatagctga gttacaggag ctccagccctt cggcaaggaa cttcgaagtc agaagtctt 360
 27 tagttgtgg tcactttgct gaagtgcagg tggtaagaga gaaagcaacc ggggacatct 420
 28 atgcataatgaa agtgcataag aagaaggctt tattggccca ggagcaggtt tcatttttg 480
 29 aggaagagcg gaacatatta tctcgaagca caagcccgtg gatccccaa ttacagtatg 540
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 34 cccgaaaaat gaattcaaacc aagatggtaa aaaatggaaat aagatagctt aatagagttt 840
 35 atactaaaaaa gtgttcttgg tcctcctaag tttggaaatgttggataa aatggtaac 900
 36 aatgtttgg agccttggc agtgtatggg ggtggggaca gggacacaga accatttccc 960
 37 agaccgtggc accttttat ttatagtgcc tgtaataacc ctccaagaca tttttaggag 1020
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 39 aaaaaaaaaaaa aaaaaaaaaaaa aaaaaaaaaaaa aaaaaaaaaaaa aaaaaaaaaaaa aaa 1133
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 42 <211> LENGTH: 257
 43 <212> TYPE: PRT
 44 <213> ORGANISM: Homo sapiens
 46 <400> SEQUENCE: 2
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 48 1 5 10 15
 49 Ala Glu Pro Ile Ala Ser Arg Ala Ser Arg Leu Asn Leu Phe Phe Gln
 50 20 25 30
 51 Gly Lys Pro Pro Phe Met Thr Gln Gln Gln Met Ser Pro Leu Ser Arg

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 53 Glu Gly Ile Leu Asp Ala Leu Phe Val Leu Phe Glu Glu Cys Ser Gln
 54 50 55 60
 55 Pro Ala Leu Met Lys Ile Lys His Val Ser Asn Phe Val Arg Lys Tyr
 56 65 70 75 80
 57 Ser Asp Thr Ile Ala Glu Leu Gln Glu Leu Gln Pro Ser Ala Lys Asp
 58 85 90 95
 59 Phe Glu Val Arg Ser Leu Val Gly Cys Gly His Phe Ala Glu Val Gln
 60 100 105 110
 61 Val Val Arg Glu Lys Ala Thr Gly Asp Ile Tyr Ala Met Lys Val Met
 62 115 120 125
 63 Lys Lys Lys Ala Leu Leu Ala Gln Glu Gln Val Ser Phe Phe Glu Glu
 64 130 135 140
 65 Glu Arg Asn Ile Leu Ser Arg Ser Thr Ser Pro Trp Ile Pro Gln Leu
 66 145 150 155 160
 67 Gln Tyr Ala Phe Gln Asp Lys Asn His Leu Tyr Leu Val Met Glu Tyr
 68 165 170 175
 69 Gln Pro Gly Gly Asp Leu Leu Ser Leu Leu Asn Arg Tyr Glu Asp Gln
 70 180 185 190
 71 Leu Asp Glu Asn Leu Ile Gln Phe Tyr Leu Ala Glu Leu Ile Leu Ala
 72 195 200 205
 73 Val His Ser Val His Leu Met Gly Tyr Val His Arg Asp Ile Lys Pro
 74 210 215 220
 75 Glu Asn Ile Leu Val Asp Arg Thr Gly His Ile Lys Leu Val Asp Phe
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 98 tggaaacttat aagaatggaa tcataatggc atcatatgtt attttcttgc ttccttcatt 600
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 100 gcttgtgaaa acactgcaat atacaatttt gtctttcta ctgctgtatgg acatttat 720
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 104 ccccatctct actaaaaata caaacaattt ggcattggcgtt catgcacccagt 960

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107 taaataaata ggagttttc ttaggttagag aaactacacc tagcaatagt catagaatgc 1140
108 acaaataatcc aatgttagca aataatgcca aactttttt tcaaatttca aagagattgt 1200
109 atccatttac acgcctacgg gtactgtata agtgtgtga cttccacatc ttgc当地 1260
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113 aagtgtcctt tcagacagtc tcaatgactg tcaccaactc cttgc当地 1500
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116 aaagaagacc aggcagagca gcctggctgc cttccctt gcaggtggcc gagagcagg 1680
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Output Set: N:\CRF4\07152005\J663794.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

Raw Sequence Listing before editing,
for reference only



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/663,794

DATE: 07/13/2005
TIME: 10:44:36

Input Set : A:\1164CIP-DIV II SEQUENCE LISTING.txt
Output Set: N:\CRF4\07132005\J663794.raw

3 <110> APPLICANT: WEI, Ming-Hui et al.
5 <120> TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
6 ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
7 THEREOF
9 <130> FILE REFERENCE: CL001164CIP-DIV II
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/663,794
C--> 11 <141> CURRENT FILING DATE: 2003-09-17
11 <160> NUMBER OF SEQ ID NOS: 6
13 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

982 <210> SEQ ID NO: 6
983 <211> LENGTH: 251
984 <212> TYPE: PRT
985 <213> ORGANISM: Mus musculus
987 <400> SEQUENCE: 6
988 Met Leu' Lys Phe Lys Tyr Gly Val Arg Asn Pro Pro Glu Ala Ser Ala
989 1 5 10 15
990 Ser Glu Pro Ile Ala Ser Arg Ala Ser Arg Leu Asn Leu Phe Phe Gln
991 20 25 30
992 Gly Lys Pro Pro Leu Met Thr Gln Gln Gln Met Ser Ala Leu Ser Arg
993 35 40 45
994 Glu Gly Met Leu Asp Ala Leu Phe Ala Leu Phe Glu Glu Cys Ser Gln
995 50 55 60
996 Pro Ala Leu Met Lys Met Lys His Val Ser Ser Phe Val Gln Lys Tyr
997 65 70 75 80
998 Ser Asp Thr Ile Ala Glu Leu Arg Glu Leu Gln Pro Ser Ala Arg Asp
999 85 90 95
1000 Phe Glu Val Arg Ser Leu Val Gly Cys Gly His Phe Ala Glu Val Gln
1001 100 105 110
1002 Val Val Arg Glu Lys Ala Thr Gly Asp Val Tyr Ala Met Lys Ile Met
1003 115 120 125
1004 Lys Lys Lys Ala Leu Ala Gln Glu Gln Val Ser Phe Phe Glu Glu
1005 130 135 140
1006 Glu Arg Asn Ile Leu Ser Arg Ser Thr Ser Pro Trp Ile Pro Gln Leu
1007 145 150 155 160
1008 Gln Tyr Ala Phe Gln Asp Lys Asn Asn Leu Tyr Leu Val Met Glu Tyr
1009 165 170 175
1010 Gln Pro Gly Gly Asp Phe Leu Ser Leu Leu Asn Arg Tyr Glu Asp Gln
1011 180 185 190
1012 Leu Asp Glu Ser Met Ile Gln Phe Tyr Leu Ala Glu Leu Ile Leu Ala

PN
Does Not Comply
with Office of Discrete Needles.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/663,794

DATE: 07/13/2005
TIME: 10:44:36

Input Set : A:\1164CIP-DIV II SEQUENCE LISTING.txt
Output Set: N:\CRF4\07132005\J663794.raw

1013 195 200 205
1014 Val His Ser Val His Gln Met Gly Tyr Val His Arg Asp Ile Lys Pro
1015 210 215 220
1016 Glu Asn Ile Leu Ile Asp Arg Thr Gly Glu Ile Lys Leu Val Asp Phe
1017 225 230 235 240
1018 Gly Ser Ala Ala Lys Met Asn Ser Asn Lys Val
1019 245 250
E--> 1024 1

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/663,794

DATE: 07/13/2005

TIME: 10:44:37

Input Set : A:\1164CIP-DIV II SEQUENCE LISTING.txt
Output Set: N:\CRF4\07132005\J663794.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:1024 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6